

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER, the specification of which

(check ☐ is attached hereto.
one)

☒ was filed on June 28, 2000 as
Application Serial No. 09/606,369
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>PCT/US99/31022</u>	<u>PCT</u>	<u>28 December 1999</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 and §119 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/473,904</u>	<u>December 28, 1999</u>	<u>Pending</u>
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
<u>09/256,943</u>	<u>February 24, 1999</u>	<u>Pending</u>
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
<u>60/113,968</u>	<u>December 28, 1998</u>	<u>Abandoned</u>
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Harold C. Hohbach, Reg. No. 17,757; Aldo J. Test, Reg. No. 18,048; Donald N. MacIntosh, Reg. No. 20,316; Edward S. Wright, Reg. No. 24,903; David J. Brezner, Reg. No. 24,774; Robert B. Chickering, Reg. No. 24,286; Richard F. Trecartin, Reg. No. 31,801; Steven F. Caserza, Reg. No. 29,780; Edward N. Bachand, Reg. No. 37,085; R. Michael Ananian, Reg. No. 38,050; Robin M. Silva, Reg. No. 38,304; Michael A. Kaufman, Reg. No. 32,988; Maria S. Swiatek, Reg. No. 37,244; Todd A. Lorenz, Reg. No. 39,754; provided that if any one of said attorneys ceases being affiliated with the law firm of Flehr, Hohbach, Test, Albritton & Herbert as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

Direct all telephone calls to Robin M. Silva at (415) 781-1989.

Address all correspondence to:

FLEHR HOHBACH TEST
ALBRITTON & HERBERT LLP
Suite 3400, Four Embarcadero Center
San Francisco, California 94111

File No. A-67493-3/DJB/RMS/DCF

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name first

inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

John R. Stuelpnagel

John R. Stuelpnagel

4/21/01

Encinitas, CA

USA

38 Briggs Avenue, Encinitas, CA 92024

Full name of second

inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

Mark S. Chee

Mark S. Chee

4/23/07

Del Mar, CA

Australia

155 15th Street, No. 24, Del Mar, CA 92014

Full name of third

inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

Steven R. Auger

Steven R. Auger

Norwell, MA

USA

248 River Street, Norwell, Massachusetts 02061

Full name of fourth
inventor:

Gan G. Wang

Inventor's signature:



Date:

4-20-01

Residence:

San Diego, CA

Citizenship:

People's Republic of China

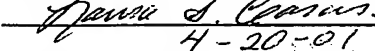
Post Office Address:

13043 Maritime Place, San Diego, CA 92130

Full name of fifth
inventor:

Laura S. Casas

Inventor's signature:



Date:

4-20-01

Residence:

Chula Vista, CA

Citizenship:

USA

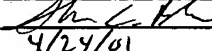
Post Office Address:

1009 Plaza Sinuoso, Chula Vista, CA 91910

Full name of sixth
inventor:

Shawn Christopher Baker

Inventor's signature:



Date:

4/24/01

Residence:

San Diego, CA

Citizenship:

USA

Post Office Address:

11280 Carmel Creek Road, San Diego, CA 92130

Full name of seventh
inventor:

Robert C. Kain

Inventor's signature:



Date:

4/18/01

Residence:

Del Mar, CA

Citizenship:

USA

Post Office Address:

13090 Via Grimaldi, Del Mar, CA 92014

1049039

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

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(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
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(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

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<u>60/113,968</u>	<u>December 28, 1998</u>	<u>Abandoned</u>
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FLEHR HOHBACH TEST
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San Francisco, California 94111

File No. A-67493-3/DJB/RMS/DCF

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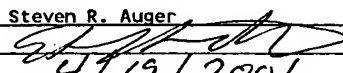
Full name first

inventor: John R. Stuelpnagel
Inventor's signature: _____
Date: _____
Residence: Encinitas, CA
Citizenship: USA
Post Office Address: 38 Briggs Avenue, Encinitas, CA 92024

Full name of second

inventor: Mark S. Chee
Inventor's signature: _____
Date: _____
Residence: Del Mar, CA
Citizenship: Australia
Post Office Address: 155 15th Street, No. 24, Del Mar, CA 92014

Full name of third

inventor: Steven R. Auger
Inventor's signature: 
Date: 4/19/2001
Residence: Norwell, MA
Citizenship: USA
Post Office Address: 248 River Street, Norwell, Massachusetts 02061

Full name of fourth
inventor: Gan G. Wang
Inventor's signature: _____
Date: _____
Residence: San Diego, CA
Citizenship: People's Republic of China
Post Office Address: 13043 Maritime Place, San Diego, CA 92130

Full name of fifth
inventor: Laura S. Casas
Inventor's signature: _____
Date: _____
Residence: Chula Vista, CA
Citizenship: USA
Post Office Address: 1009 Plaza Sinuoso, Chula Vista, CA 91910

Full name of sixth
inventor: Shawn Christopher Baker
Inventor's signature: _____
Date: _____
Residence: San Diego, CA
Citizenship: USA
Post Office Address: 11280 Carmel Creek Road, San Diego, CA 92130

Full name of seventh
inventor: Robert C. Kain
Inventor's signature: _____
Date: _____
Residence: Del Mar, CA
Citizenship: USA
Post Office Address: 13090 Via Grimaldi, Del Mar, CA 92014

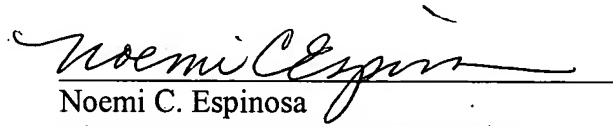
1049039

STATEMENT UNDER 37 CFR 3.73(b)

Illumina, Inc., a corporation, states that it is the assignee of the entire right, title and interest in the patent application entitled: COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER having named inventors John R. Stuelpnagel, Mark S. Chee, and Steven R. Auger by virtue of an assignment from the inventors of the patent application, for which a copy thereof is attached. The undersigned, whose title is supplied below, is authorized to act on behalf of the assignee.

January 28, 2004

Date



Noemi C. Espinosa

Vice President, Intellectual Property



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 31, 2001

PTAS

FLEHR HOHBACH TEST ALBRITTON & HERBERT
ROBIN M. SILVA, ESQ
4 EMBARCADERO CENTER, SUITE 3400
SAN FRANCISCO, CA 94111-4187



101718996A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/10/2001

REEL/FRAME: 011793/0895
NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

STUELPNAGEL, JOHN R.

DOC DATE: 04/21/2001

ASSIGNOR:

CHEE, MARK S.

DOC DATE: 04/23/2001

ASSIGNOR:

AUGER, STEVEN R.

DOC DATE: 04/23/2001

ASSIGNOR:

WANG, GAN G.

DOC DATE: 04/20/2001

ASSIGNOR:

CASAS, LAURA S.

DOC DATE: 04/20/2001

ASSIGNOR:

BAKER, SHAWN CHRISTOPHER

DOC DATE: 04/24/2001

ASSIGNOR:

KAIN, ROBERT C.

DOC DATE: 04/19/2001

011793/0895 PAGE 2

ASSIGNEE:

ILLUMINA, INC.
9390 TOWNE CENTRE DRIVE
SUITE 200
SAN DIEGO, CALIFORNIA 92121

SERIAL NUMBER: 09606369
PATENT NUMBER:

FILING DATE: 06/28/2000
ISSUE DATE:

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



101718996

To the Honorable Commissioner of Patents and

documents or copy thereof.

1. Name of conveying party(ies):

John R. STUELPNAGEL, Mark S. CHEE, Steven R. AUGER, Gan G. WANG, Laura S. CASAS, Shawn Christopher BAKER, Robert C. KAIN

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

Execution Dates: 4/21/01, 4/23/01, 4/23/01, 4/20/01, 4/20/01, 4/24/01, 4/19/01

2. Name and address of receiving party(ies):

Internal Address: Illumina, Inc.

Street Address: 9390 Towne Centre Drive, Suite 200

City: San Diego

State: California

Zip Code: 92121

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 09/606,369

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robin M. Silva, Esq.

Internal Address: FLEHR HOHBACH TEST

ALBRITTON & HERBERT LLP

Street Address: SUITE 3400

FOUR EMBARCADERO CENTER

City: SAN FRANCISCO

State: CA

Zip: 94111-4187

6. Total number of applications and patents involved:

[1]

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number: 06-1300

Please debit any underpayment or credit any overpayment to the above deposit account.

Our Order No. A-67493-3/DJB/RMS/DCF

(Attach duplicate of this page if paying by deposit account)

05/15/2001 DBYRNE 00000270 09606369

DO NOT USE THIS SPACE

01 FC 584 40.00 DP
9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David C. Foster, Reg. No. 44,685
for Robin M. Silva, Reg. No. 38,304
Name of Person Signing

Signature

May 7, 2001
Date

Total number of pages including cover sheet, attachments and document: [11]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

File No. A-68364-1/RMS/DCF

Rev. 8/93 1046162

ASSIGNMENT
(NOT ACCOMPANYING APPLICATION)

WHEREAS, the undersigned, John R. Stuelpnagel, resident of Encinitas, County of San Diego, State of California; Mark S. Chee, resident of Del Mar, County of San Diego, State of California; Steven R. Auger, resident of Norwell, County of Plymouth, State of Massachusetts; Gan G. Wang, resident of San Diego, County of San Diego, State of California; Laura S. Casas, resident of Chula Vista, County of San Diego, State of California; Shawn Christopher Baker, resident of San Diego, County of San Diego, State of California, and Robert C. Kain, resident of Del Mar, County of San Diego, State of California (hereinafter termed "Inventors"), have invented certain new and useful improvements in COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER and has executed an application for a United States patent disclosing and identifying this invention and having Serial No. 09/606,369 and a filing date of June 28, 2000; and

WHEREAS, Illumina, Inc., a corporation of the State of California, having a place of business at 9390 Towne Centre Drive, Suite 200, San Diego, 92121, State of California, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventors' certificates and other forms of protection, including any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications, and every reissue or extensions of any of said patents (hereinafter termed "Patent Rights").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do each hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to all Patent Rights.
2. Said Inventors hereby agree that each will, at Assignee's expense, (a) cooperate with Assignee in the prosecution and enforcement of the Patent Rights, and (b) execute, verify, testify, acknowledge and deliver all such further facts and documents, including applications, petitions, declarations, oaths and instruments of transfer necessary.
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives and assigns.

4. Said Inventors each warrant and represent that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as follows:

Date: April 21, 2001

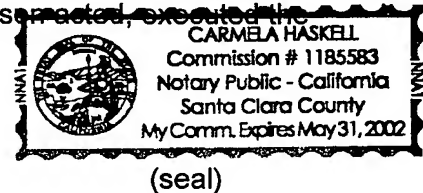
John R. Stuelpnagel

County of San Diego,)
) ss.
State of California.)

On this 21st day of April, in the year 2001, before me, Carmela Haskell, Notary Public of the State of California, personally appeared John R. Stuelpnagel, personally known to me to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Carmela Haskell



Date: April 23, 2001

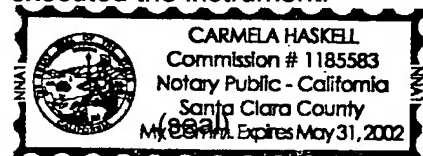
Mark S. Chee
Mark S. Chee

[illegible]

On this 23rd day of April, in the year 2001, before me, Carmela Haskell, Notary Public of the State of California, personally appeared Mark S. Chee, personally known to me to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Carmela Hoskell




Steven R. Auger

County of _____)
) ss.
 State of Massachusetts)

WITNESS my hand and official seal.

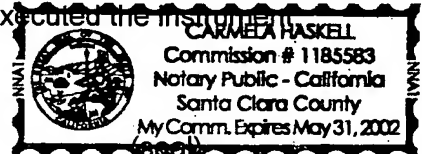
Signature _____ (seal)


Gan G. Wang

[illegible]

WITNESS my hand and official seal.

Signature Carmela Haskell



Date: April 20, 2001

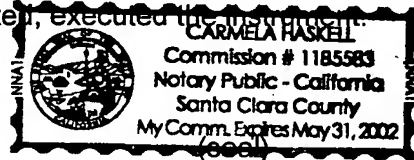
Laura S. Casas
Laura S. Casas

County of San Diego,)
) ss.
State of California.)

On this 20th day of April, in the year 2001, before me, Carmela Haskell, Notary Public of the State of California, personally appeared Laura S. Casas, personally known to me to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Carmela Haskell



Date: April 24, 2001

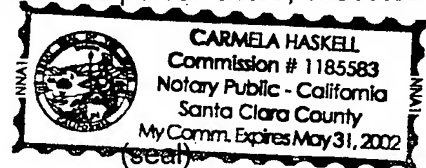
Shawn Christopher Baker
Shawn Christopher Baker


County of San Diego,)
) ss.
State of California.)

On this 24th day of April, in the year 2001, before me, Carmela Haskell, Notary Public of the State of California, personally appeared Shawn Christopher Baker, personally known to me to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

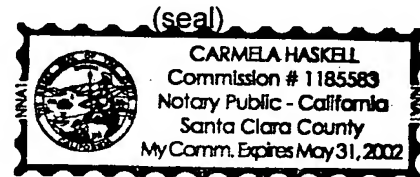
Signature Carmela Haskell




Robert C. Kain

On this 19th day of April, in the year 2001, before me, Carmela Haskell, Notary Public of the State of California, personally appeared Robert C. Kain, personally known to me to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Signature Carmela Haskell



-5-

(NOT ACCOMPANYING APPLICATION)

WHEREAS, the undersigned, John R. Stuelpnagel, resident of Encinitas, County of San Diego, State of California; Mark S. Chee, resident of Del Mar, County of San Diego, State of California; Steven R. Auger, resident of Norwell, County of Plymouth, State of Massachusetts; Gan G. Wang, resident of San Diego, County of San Diego, State of California; Laura S. Casas, resident of Chula Vista, County of San Diego, State of California; Shawn Christopher Baker, resident of San Diego, County of San Diego, State of California, and Robert C. Kain, resident of Del Mar, County of San Diego, State of California (hereinafter termed "Inventors"), have invented certain new and useful improvements in COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER and has executed an application for a United States patent disclosing and identifying this invention and having Serial No. 09/606,369 and a filing date of June 28, 2000; and

WHEREAS, Illumina, Inc., a corporation of the State of California, having a place of business at 9390 Towne Centre Drive, Suite 200, San Diego, 92121, State of California, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventors' certificates and other forms of protection, including any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications, and every reissue or extensions of any of said patents (hereinafter termed "Patent Rights").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do each hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to all Patent Rights.
2. Said Inventors hereby agree that each will, at Assignee's expense, (a) cooperate with Assignee in the prosecution and enforcement of the Patent Rights, and (b) execute, verify, testify, acknowledge and deliver all such further facts and documents, including applications, petitions, declarations, oaths and instruments of transfer necessary.
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives and assigns.

will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as follows:

Date: April __, 2001

John R. Stuelpnagel

County of San Diego,)
) ss.
State of California.)

On this __ day of April, in the year 2001, before me, _____, Notary Public of the State of California, personally appeared John R. Stuelpnagel, personally known to me to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____ (seal)

Date: April __, 2001

Mark S. Chee

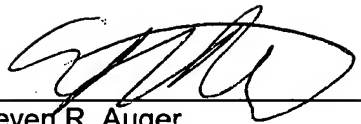
County of San Diego,)
) ss.
State of California.)

On this __ day of April, in the year 2001, before me, _____, Notary Public of the State of California, personally appeared Mark S. Chee, personally known to me to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____ (seal)

Date: April 23, 2001



Steven R. Auger

County of Plymouth)
) ss.
State of Massachusetts)

On this 23 day of April, in the year 2001, before me, ~~STEVEN R. AUGER~~
MARY MACKENZIE, Notary Public of the State of ~~California~~, personally ~~Massachusetts~~
appeared Steven R. Auger, personally known to me to be the person whose name is
subscribed to the within instrument, and acknowledged that he executed the same in
his authorized capacity, and that by his signature on the instrument the person, or
the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Mary Mackenzie (seal)
my Commission Expires
MARCH 15 2007

Date: April __, 2001

Gan G. Wang

County of San Diego,)
) ss.
State of California.)

On this __ day of April, in the year 2001, before me, _____
_____, Notary Public of the State of California, personally
appeared Gan G. Wang, personally known to me to be the person whose name is
subscribed to the within instrument, and acknowledged that he executed the same in
his authorized capacity, and that by his signature on the instrument the person, or
the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____ (seal)

Date: April __, 2001

Laura S. Casas

County of San Diego,)
) ss.
State of California.)

On this __ day of April, in the year 2001, before me, _____
_____, Notary Public of the State of California, personally
appeared Laura S. Casas, personally known to me to be the person whose name is
subscribed to the within instrument, and acknowledged that he executed the same in
his authorized capacity, and that by his signature on the instrument the person, or
the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____ (seal)

Date: April __, 2001

Shawn Christopher Baker

County of San Diego,)
) ss.
State of California.)

On this __ day of April, in the year 2001, before me, _____
_____, Notary Public of the State of California, personally
appeared Shawn Christopher Baker, personally known to me to be the person
whose name is subscribed to the within instrument, and acknowledged that he
executed the same in his authorized capacity, and that by his signature on the
instrument the person, or the entity upon behalf of which the person acted, executed
the instrument.

WITNESS my hand and official seal.

Signature _____ (seal)

Date: April __, 2001

Robert C. Kain

County of San Diego,)
) ss.
State of California.)

On this __ day of April, in the year 2001, before me, _____
_____, Notary Public of the State of California, personally
appeared Robert C. Kain, personally known to me to be the person whose name is
subscribed to the within instrument, and acknowledged that he executed the same in
his authorized capacity, and that by his signature on the instrument the person, or
the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

(seal)

A-67493-3/DJB/RMS/DCF
1049038

POWER OF ATTORNEY AND AUTHORIZATION OF AGENT

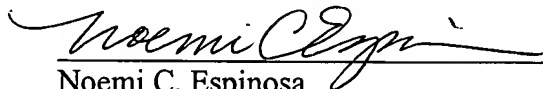
In accordance with the statement under 37 CFR 3.73(b) filed herewith, Illumina Inc. is the assignee of the entire interest in application for letters patent entitled: COMPOSITE ARRAYS UTILIZING MICROSPEHRES WITH A HYBRIDIZATION CHAMBER having named inventors John R. Stuelpnagel, Mark S. Chee, and Steven R. Auger. I, the undersigned individual, who is authorized to act on behalf of Illumina Inc., hereby appoint the following practitioner(s) to prosecute this application, and to transact all business in the United States Patent and Trademark Office connected therewith:

Noemi C. Espinosa, Reg. No. 31,949
John T. Murphy, Reg. No. 50,583

Please direct all correspondence to:

John T. Murphy
Illumina, Inc.
9885 Towne Centre Drive
San Diego, CA 92121-1975
Phone (858) 202-4711
Fax (858) 202-4599

January 28, 2004
Date

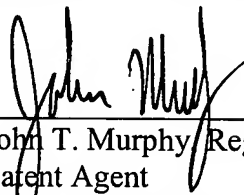

Noemi C. Espinosa
Vice President, Intellectual Property

Inventors: Stuelpnagel et al.
Reference No.: 01-00008
Filed: herewith
Page: 7

Conclusion

The Examiner is invited to contact the undersigned agent if there are any questions relating to this matter.

Respectfully submitted,



John T. Murphy Reg. No. 50,583
Patent Agent
Telephone (858) 202-4711
Facsimile (858) 202-4599

Date: January 28, 2004

Illumina, Inc.
9885 Towne Centre Dr.
San Diego, CA 92121-1975